

ABSTRACT OF THE DISCLOSURE

A two-wheel electric vehicle with ringlike, large, powered parallel wheels, in which at least one ringlike wheel is driven by a large toroidal electric motor. The fully circular rotor of the large toroidal electric motor is integrated with the hub of the ringlike wheel, while the circular or semi-circular toroidal stator is joined to the body of the two-wheel electric vehicle, the ringlike wheel and the toroidal electric motor having a common bearing. The electric power source to drive the toroidal electric motor is located near the ground-facing portion of the vehicle body. An opening is formed in the internal circular area of the toroidal stator, to allow the entry and exit of the passengers of the vehicle. A similar small vehicle with parallel, coaxial wheels allows the occupant of the small vehicle to travel, seated either facing the conventional front or the rear of the small vehicle.